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Search Results -

Terms	Documents
(((717/105)!.CCLS.))	60

Database:
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US Pre-Grant Publication Full-Text Database
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EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L21	(((717/105)!.CCLS.))	60	L21
L20	((717/104)!.CCLS.)	118	L20
L19	((717/102)!.CCLS.)	28	L19
L18	(((717/5)!.CCLS.))	0	L18
L17	((717/$)!.CCLS.)	4347	L17
L16	L6 and (stag$ near5 tables or temporary near5 tables)	6	L16
L15	(((707/$)!.CCLS.))	14400	L15
L14	(((707/206)!.CCLS.))	327	L14
L13	(((707/200)!.CCLS.))	1164	L13
L12	(((707/104.1)!.CCLS.))	2126	L12
L11	(((707/100)!.CCLS.))	1422	L11
L10	(((707/10)!.CCLS.))	2722	L10
L9	(((707/1)!.CCLS.))	2175	L9
L8	((707/101)!.CCLS.)	1023	L8
L7	L6 and (atag$ near5 tables or temporary near5 tables)	3	L7
L6	L5 and metadata	27	L6
L5	L4 and business and database	80	L5
L4	populat$ and datamart or populat$ and data near2 mart	87	L4
L3	L2 and (stag$ near5 tables or temporary near5 tables)	44	L3
L2	L1 and metadata	1187	L2
L1	business and database or business and data near2 base	35435	L1

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Search Results -

Terms	Documents
(((345/741)!.CCLS.))	60

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L10	(((345/741)!.CCLS.))	60	L10
L9	(((345/700)!.CCLS.))	400	L9
L8	(((345/781)!.CCLS.))	382	L8
L7	((345/764)!.CCLS.)	583	L7
L6	L4 and (datawarehouse or data near2 warehouse or datamart or data near2 mart)	53	L6
L5	L4 and (datawarehouse or datamart)	2	L5
L4	L3 and populat$5	389	L4
L3	L1 and metadata! or meta-data! or (meta! adj2 data!)	2253	L3
L2	L1 and metadata! or meta-data! pr (meta! adj2 data!)	64383	L2
L1	((345/$)!.CCLS.)	50719	L1

END OF SEARCH HISTORY

L6: Entry 36 of 53 File: USPT Jun 25, 2002

US-PAT-NO: 6411961
DOCUMENT-IDENTIFIER: US 6411961 B1

TITLE: Apparatus for providing a reverse star schema data model

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Li-Wen	Cupertino	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
MetaEdge Corporation	Sunnyvale	CA			02

APPL-NO: 09/ 306650 [PALM]
DATE FILED: May 6, 1999

PARENT-CASE:
CROSS-REFERENCES TO RELATED APPLICATIONS This application claims priority from the following U.S. Provisional Patent Application, the disclosure of which, including all appendices and all attached documents, is incorporated by reference in its entirety for all purposes: U.S. Provisional Patent Application Ser. No. 60/116,086, Li-Wen Chen entitled, "METHOD AND APPARATUS FOR PERFORMING CUSTOMER DATA ANALYSIS OF A COMPUTER DATABASE USING REVERSE STAR SCHEMA DATA MODEL," filed Jan. 15, 1999. The following commonly-owned co-pending applications, including this one, are being filed concurrently and the others are hereby incorporated by reference in their entirety for all purposes: 1. U.S. patent application Ser. No. 09/306,677, Li-Wen Chen and Juan Oritz entitled, "METHOD FOR PROVIDING A REVERSE STAR SCHEMA DATA MODEL"; 2. U.S. patent application Ser. No. 09/306,650, Li-Wen Chen entitled, "APPARATUS FOR PROVIDING A REVERSE STAR SCHEMA DATA MODEL"; and 3. U.S. patent application Ser. No. 09/306,693, Li-Wen Chen entitled, "SYSTEM FOR PROVIDING A REVERSE STAR SCHEMA DATA MODEL".

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 707/102; 707/104.1, 705/10
US-CL-CURRENT: 707/102; 705/10, 707/104.1

FIELD-OF-SEARCH: 705/10, 707/3, 707/5, 707/10, 707/103, 707/201, 707/100-104, 717/1

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4972504	November 1990	Daniel, Jr. et al.	
☐	5036314	July 1991	Barillari et al.	
☐	5168445	December 1992	Kawashima et al.	
☐	5191522	March 1993	Bosco et al.	364/401
☐	5299115	March 1994	Fields et al.	
☐	5615109	March 1997	Eder	
☐	5644723	July 1997	Deaton et al.	
☐	5715450	February 1998	Ambrose et al.	
☐	5721903	February 1998	Anand et al.	395/605
☐	5758355	May 1998	Buchanan	
☐	5787437	July 1998	Potterveld et al.	707/103
☐	5794246	August 1998	Sankaran et al.	
☐	5854746	December 1998	Yamamoto et al.	
☐	5873096	February 1999	Lim et al.	
☐	5893075	April 1999	Plainfield et al.	
☐	6151601	November 2000	Papierniak et al.	707/10
☐	6167405	December 2000	Rosensteel, Jr. et al.	707/102
☐	6212524	April 2001	Weissman et al.	707/101

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
WO-200057311	February 2001	WO	

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Gopalkrishnan et al. Star/Snow-flake Schema Driven Object-Relationship Data Warehouse Design and Query Processing Strategy. star schema conversion to object-relational warehouse.*
Brooks. Mark of the data marts. DBMS, Mar. 1997, v10, n3, pp 55(4).*
Krippendorf et al. The translation of star schema into entity relationship diagrams. Database and Expert Systems Applications, Sep. 1997, pp. 390-395.*
Greene. Oracle8 Server Unleashed. Sams, 1998, chapter 30 "Data Warehouses".*
Brachman et al. Mining Business Databases. Communications of the ACM, Nov. 1996, pp. 42-48.*
Firestone. Object-oriented Data Warehousing. Executive Information Systems, Inc. White Paper No. 5, Aug. 7, 1997, downloaded Jul. 25, 2001 http://dkms.com.

ART-UNIT: 2163

PRIMARY-EXAMINER: Hafiz; Tariq R.

ASSISTANT-EXAMINER: Robertson; D.

ABSTRACT:

According to the invention, techniques for organizing information from systems in a data warehousing environment are provided. In a particular embodiment, the invention provides an apparatus for analyzing data in at least data source of an enterprise. The apparatus can include a meta model for an enterprise. The enterprise is typically a business activity, but can also be other loci of human activity. A data schema derived from the meta model can also be part of the apparatus. The apparatus can also include a database organized according to the data schema. The apparatus can translate data from a variety of sources to the data schema. The apparatus can incorporate data into the database and perform a variety of analyses on the data in the database.

10 Claims, 16 Drawing [redacted]ures

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Terms	Documents
L46 and automatic$ same generat$	42

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L46	L45 and metadata	88	L46
L45	business near2 database	1093	L45
L44	L42 and metadata	7	L44
L43	L42 and metadata near5 schema	0	L43
L42	business near2 database near3 system	146	L42
L41	generate near2 business near2 database near3 system	0	L41
DB=USPT; PLUR=YES; OP=OR			
L40	5603024.pn.	1	L40
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L39	5675785.uref.	40	L39
L38	(((707/103r)!.CCLS.))	708	L38
L37	(((707/205)!.CCLS.))	522	L37
L36	(((707/204)!.CCLS.))	589	L36
L35	(((707/203)!.CCLS.))	764	L35

L34	(((707/202)!.CCLS.))	558	L34
L33	(((707/201)!.CCLS.))	733	L33
L32	(((707/103)!.CCLS.))	0	L32
L31	(((707/102)!.CCLS.))	1508	L31
L30	(((707/101)!.CCLS.))	1023	L30
L29	(((707/9)!.CCLS.))	660	L29
L28	(((707/8)!.CCLS.))	606	L28
L27	(((707/7)!.CCLS.))	584	L27
L26	(((707/6)!.CCLS.))	878	L26
L25	(((707/5)!.CCLS.))	1052	L25
L24	(((707/4)!.CCLS.))	1199	L24
L23	(((707/3)!.CCLS.))	2513	L23
L22	((707/2)!.CCLS.)	1296	L22
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